



# Enterprise Land Mobile Radio Program (E-LMR)

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## Program Status

**PM Communications: LtCol J D Wilson**  
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Monday, April  
14, 2003



# AGENDA



- REQUIREMENTS DEFINITION - DEPLOYABLE
- STATUS - DEPLOYABLE
- DELIVERABLE - DEPLOYABLE
- REQUIREMENTS DEFINITION - INTEROPERABILITY
- STATUS - INTEROPERABILITY
- DELIVERABLE - INTEROPERABILITY
- MLC REQUIREMENT
- FUNDING PROFILE
- FUTURE FUNDING ?
- MIGRATION STRATEGY



# REQUIREMENTS DEFINITION DEPLOYABLE



<b>Lightweight, High Strength, Insulated Shelter</b>	<b>(10) Pair trunked frequencies</b>	<b>PSTN Access</b>
<b>Type III Encryption</b>	<b>50 ft retractable Antenna Mast</b>	<b>300 Handhelds</b>
<b>Ruggedized Computer Terminal</b>	<b>NTIA Compliant</b>	<b>APCO 25 Compliant</b>
<b>Tuning Range 380-420 Mhz</b>	<b>NSA Type 1 Capable</b>	<b>Redundant Backbone</b>



# STATUS -DEPLOYABLE-



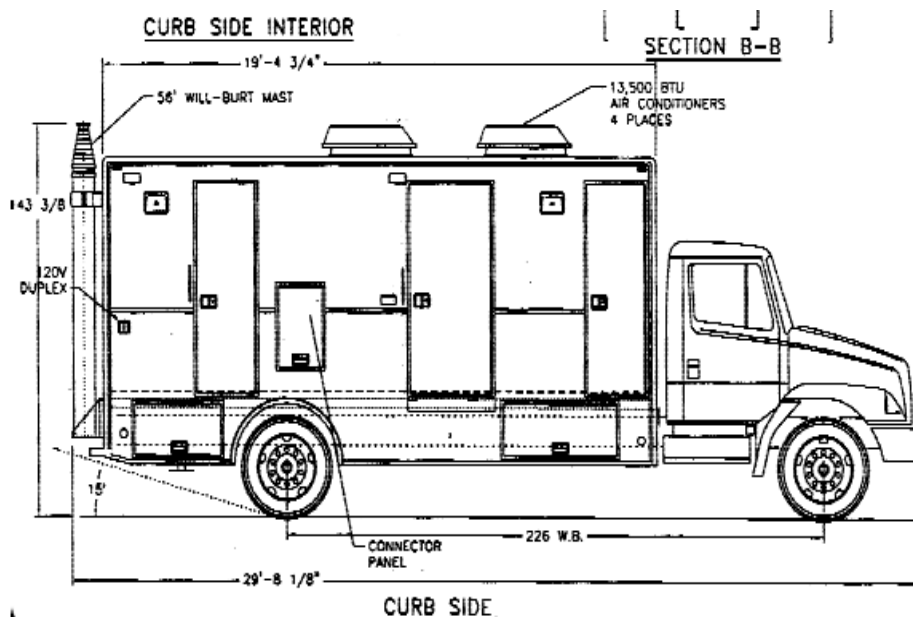
## SCHEDULE

- 21-25 April - Staging/Training
  - Schaumburg, IL
- 12-16 May - Testing/Training
  - Schaumburg, IL
- 26 May-20 Jun - Install/Optimize
  - Auburn, IL
- 20-22 Jun - Transport
  - Camp Pen/CLNC
- 23 Jun - 24 Jul - Burn-In
  - Camp Pen/CLNC
- 25 Jul - Turnover

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14, 2003



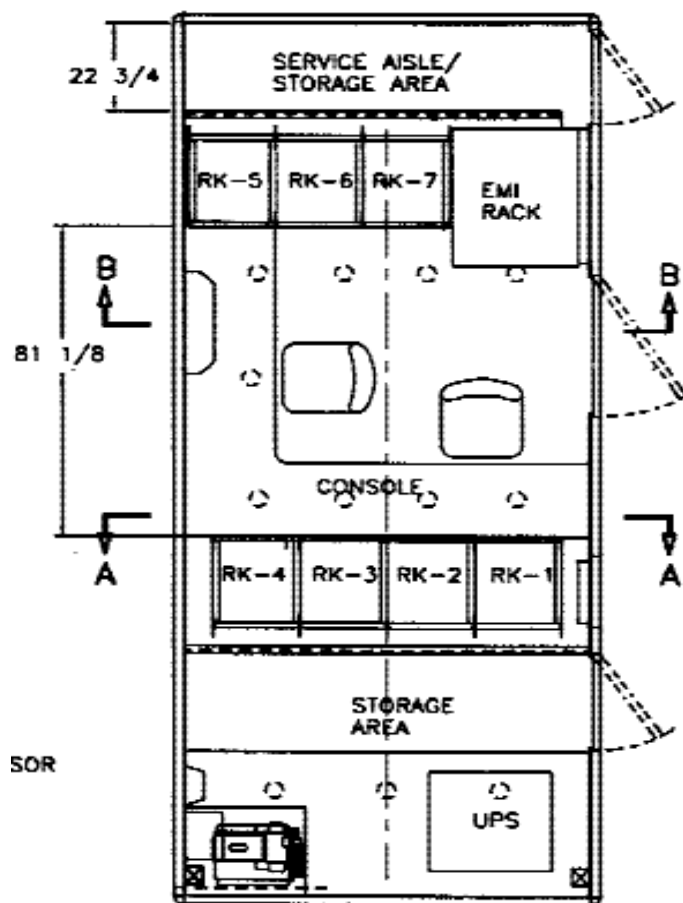
# DELIVERABLE -DEPLOYABLE-



- 56 ft Retractable Mast
  - Pneumatically controlled
- (4) 13.5K BTU A/C's
- 25 kw Embedded Generator
- Rapidly Deployable Antennas
- External Signal Entry
- On-Board Spares
- On-Board Test Equipment
- CO2 Detector



# DELIVERABLE -DEPLOYABLE-



- 10 channel trunked system
- 100 HH Radios
  - (60) OTM charging
- Three terminals
  - System Manager - 23" LCD
  - Dispatch - 23" LCD
  - Admin - 19" LCD
- Logging Recorder
- UPS - Soft Shutdown
- Interoperability
  - VHF, UHF, 800Mhz and 900 Mhz



# REQUIREMENTS DEFINITION -INTEROPERABILITY-



<b>Interoperability 138-900; F/S/L; Tactical</b>	Big-4 Coverage MP/FD/EMS/G6	Use Existing Infrastructure
Optimize Current Infrastructure	Non-Intrusive	On-Demand
PSTN Access	Tactical Radio Interop	Emerg Ops



# STATUS -INTEROPERABILITY-



## SCHEDULE

4 Jun - 20 Jun - Install - Quantico  
30 Jun - 17 Jul - Install - CLNC/ChPt  
14 Jul - 30 Jul - Install - Cmp Pen





# DELIVERABLE -INTEROPERABILITY-



## Quantico

1. Potomac Hospital
2. Stafford County Fire
3. Stafford County Sheriff
4. F'Burg HAZMAT
5. Charles Cnty Fire
6. Mary Washington Hospital
7. VA State Police - VHF
8. VA State Police - LB
9. Fauquier Cnty Fire
10. Fauquier Cnty Sheriff
11. PWC Sheriff
12. PWC Fire Dispatch
13. PWC Fire TACA/B
14. MCB PMO
15. MCB Fire
16. MCB Game Warden
17. NCIS
18. FBI Security
19. PSTN
20. Tac Radio

## Cherry Point

1. NC Forestry
2. Jones Cnty Sheriff
3. Carteret Sheriff
4. Carteret Fire
5. Havelock Police
6. Havelock Fire
7. NC State Fire
8. Morehead City Fire
9. NC Hwy Patrol
10. NC Hwy Patrol LB
11. Pamlico Cnty
12. USCG
13. City of Newbern
14. City of Newbern
15. Base Trunk TG
16. Base Trunk TG
17. Base Trunk TG
18. Base Trunk TG
19. PSTN
20. Tac Radio

## CLNC

1. Onslow Cnty Rescue
2. Onslow Cnty Dispatch
3. Onslow Mem Hospital
4. Onslow Cnty EMS
5. Onslow Cnty Sheriff
6. NC Hwy Patrol
7. JAX Police
8. JAX Fire
9. NC Forestry
10. NCIS
11. NC State B of Inv
12. USCG
13. PMO
14. MCB Fire
15. MCB CFR
16. MCB EOD
17. MCB Range Control
18. Brig
19. PSTN
20. Tac Radio

Monday, April  
14, 2003



# DELIVERABLE -INTEROPERABILITY-



## Camp Pendleton

### AKRON

1. CFR A/S
2. San Marcos Fire
3. CALTRANS
4. EOD
5. PSTN
6. Tac Rad

### BB

1. MCB Fire 1
2. MCB Fire 2
3. Range Control
4. Fallbrook Fire
5. Fallbrook Fire B/U
6. MCB Fire 5
7. NWS Security
8. PSTN
9. Tac Rad

### San Onofre

1. CHP
2. Oceanside Fire
3. Carlsbad Fire
4. Orange Cnty Fire
5. Oceanside PD
6. Rancho Santa Fe Fire
7. US Border Patrol
8. FBI
9. San Onofre Nuclear
10. NWS
11. Harbor Police
12. Mercy Air
13. MCB PMO
14. Base Fire 1
15. Base Fire 2
16. NCIS
17. PSTN
18. Tac Rad

Monday, April 14, 2003



# Marine Logistics Command (MLC)



- Requirement for Operation Iraqi Freedom
  - 500 Handhelds and Associated Equipment
  - 100 Spares
- Assets Re-Capitalized at conclusion of War
  - Okinawa to fulfill First Responder Requirement
- **Impact**
  - Originally not to be fielded until FY-05 or later
  - **\$2.26 Million for P25 Pilot lost**
  - Insufficient funding to complete Camp Pendleton



# FUNDING PROFILE



## PMC Funding Line

Original Request		\$37,000,000.00
DFM Cut	3.50%	(\$1,295,000.00)
DFM Cut	Military Payroll	(\$11,488,000.00)
DFM Cut		(\$33,000.00)
Current Budget Control		\$24,184,000.00
Site Survey	BAH	(\$599,308.00)
MARCORSYSCOM	TAD	(\$100,000.00)
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Ft Monmouth, NJ	Base Radio Systems	(\$18,000,000.00)
CTQ	CEOSS	(\$474,000.00)
		\$10,949.00

## BRS Transactions

BRS Ft Monmouth, NJ		\$18,000,000.00
Deployable		(\$5,731,376.06)
Inter-Op		(\$1,922,867.00)
XTS-3000		(\$2,263,638.00)
BRS cut		(\$180,000.00)
Remaining		\$7,902,118.94

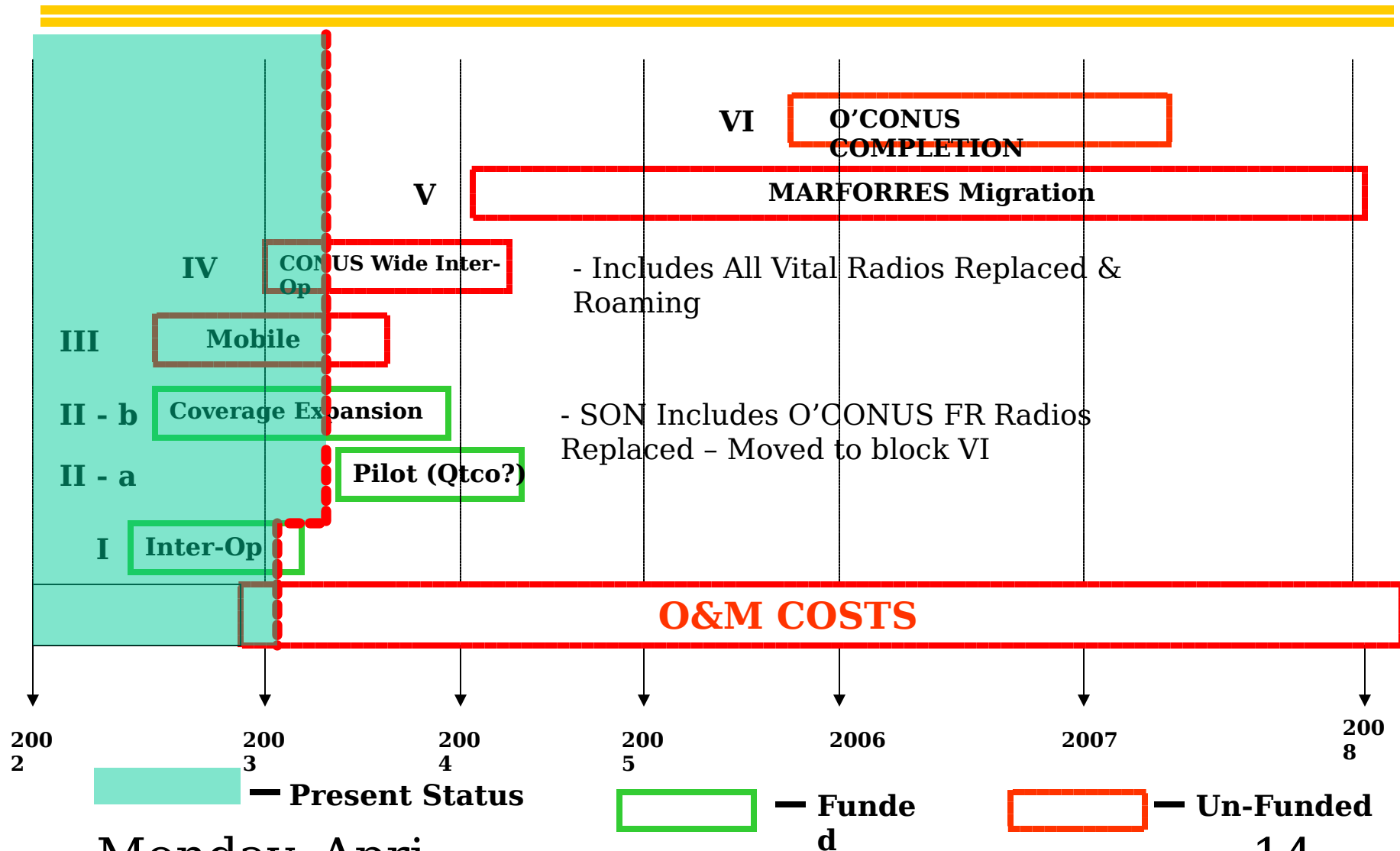


# Possible Future Funding

- FY-03 UPL Submitted
  - Directed by MROC 37 -2002
  - Backbone upgrade for MC NCR AT/FP
    - \$7.7 Million
  - Status unknown
- FY-04 UPL Submitted
  - Directed by MROC 37 -2002
  - Fund next Phase for NTIA/APCO-25 Migration
    - \$36 Million
  - Status Unknown
- Advocacy assigned to Installations and Logistics (I&L)



# BLOCKED MIGRATION STRATEGY



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